

WHAT IS CLAIMED IS:

1. An information transfer apparatus transferring to a predetermined terminal information transmitted from a server connected to a network to a client, said information transfer apparatus comprising:

communication means connected to said network for transmitting

and receiving information with respect to another apparatus,

terminal information storage means for storing terminal information of a terminal to which said information is to be transferred,

first reception means connected to said communication means for receiving information including a plurality of data items, transmitted from said server towards said client,

data storage means connected to said communication means for storing said information received by said first reception means,

data transmission means connected to said communication means for extracting said plurality of data items from said information transmitted towards said client, and transmitting to said client said extracted data items and interface information that realizes at said client an interface to display said information in whole and to select respective data items corresponding to said extracted data items, based on said extracted data items,

second reception means connected to said communication means for receiving from said client transfer request data requesting transfer of a data item selected from said extracted plurality of data items to a terminal, and

transfer means connected to said communication means, said data storage means, and said terminal information storage means for converting said data item into a data format corresponding to a terminal of a

predetermined transfer destination stored in said terminal information storage means for transfer to said terminal, based on said transfer request data received by said second reception means.

2. The information transfer apparatus according to claim 1, wherein said data transmission means comprises means for extracting said plurality of data items from said information transmitted towards said client,

and transmitting to said client said extracted data items and interface  
5 information that realizes at said client an interface appearing in response to  
specifying a display region of a data item corresponding to said extracted  
data items to select respective data items corresponding to said extracted  
data items, based on said extracted data items.

3. The information transfer apparatus according to claim 1,  
wherein said transfer means comprises means for converting said data item  
into a data format corresponding to a terminal of a predetermined transfer  
destination stored in said terminal information storage means, and adding  
5 information other than the data items received from said server to said  
converted data item for transfer to said terminal, based on said transfer  
request data received by said reception means.

4. The information transfer apparatus according to claim 1, further  
comprising terminal information reception means connected to said  
communication means for receiving said terminal information from said  
client to store in said terminal information storage means.

5. The information transfer apparatus according to claim 2,  
wherein said server is a World Wide Web server, and said information  
relates to a web page,

said interface including a select button to select a data item in said  
5 display region from said plurality of data items, said select button appearing  
at least inside said display region or in a neighborhood of said display region  
in response to specifying respective display regions of said extracted  
plurality of data items from said web page.

6. The information transfer apparatus according to claim 5,  
wherein said interface includes a transfer destination select button to select  
a transfer destination of a selected data item, and a data select button to  
select a data item of said display region from said plurality of data items,  
5 said data select button appearing at least inside said display region or in a

neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

7. The information transfer apparatus according to claim 5, includes a data select button to select a data item of said display region from said plurality of data items, and a transfer destination select button to select a transfer destination of said selected data item, said data select button and said transfer destination select button appearing at least in said display region or in a neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

8. An information transfer apparatus transferring to a predetermined terminal information transmitted from a server connected to a network to a client, said information transfer apparatus comprising:

a communication circuit connected to said network for transmitting and receiving information with respect to another apparatus,

a terminal information storage circuit for storing terminal information of a terminal to which said information is to be transferred,

a first reception circuit connected to said communication circuit for receiving information including a plurality of data items, transmitted from said server towards said client,

a data storage circuit connected to said communication circuit for storing said information received by said first reception circuit,

a data transmission circuit connected to said communication circuit for extracting said plurality of data items from said information transmitted towards said client, and transmitting to said client said extracted data items and interface information that realizes at said client an interface to display said information in whole and to select respective data items corresponding to said extracted data items, based on said extracted data items,

a second reception circuit connected to said communication circuit for receiving from said client transfer request data requesting transfer of a data item selected from said extracted plurality of data items to a terminal,

and

25 a transfer circuit connected to said communication circuit, said data storage circuit, and said terminal information storage circuit for converting said data item into a data format corresponding to a terminal of a predetermined transfer destination stored in said terminal information storage circuit for transfer to said terminal, based on said transfer request data received by said second reception circuit.

5 9. The information transfer apparatus according to claim 8, wherein said data transmission circuit comprises a circuit for extracting said plurality of data items from said information transmitted towards said client, and transmitting to said client said extracted data items and interface information that realizes at said client an interface appearing in response to specifying a display region of a data item corresponding to said extracted data items to select respective data items corresponding to said extracted data items, based on said extracted data items.

5 10. The information transfer apparatus according to claim 8, wherein said transfer circuit comprises a circuit for converting said data item into a data format corresponding to a terminal of a predetermined transfer destination stored in said terminal information storage circuit, and adding information other than the data items received from said server to said converted data item for transfer to said terminal, based on said transfer request data received by said reception circuit.

11. The information transfer apparatus according to claim 8, further comprising a terminal information reception circuit connected to said communication circuit for receiving said terminal information from said client to store in said terminal information storage circuit.

12. The information transfer apparatus according to claim 9, wherein said server is a World Wide Web server, and said information relates to a web page,

5        said interface including a select button to select a data item in said display region from said plurality of data items, said select button appearing at least inside said display region or in a neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

13.    The information transfer apparatus according to claim 12, wherein said interface includes a transfer destination select button to select a transfer destination of a selected data item, and a data select button to select a data item of said display region from said plurality of data items, said data select button appearing at least inside said display region or in a neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

14.    The information transfer apparatus according to claim 12, wherein said interface includes a data select button to select a data item of said display region from said plurality of data items, and a transfer destination select button to select a transfer destination of said selected data item, said data select button and said transfer destination select button appearing at least in said display region or in a neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

15.    An information transfer method transferring to a predetermined terminal information transmitted from a server connected to a network to a client, said information transfer method comprising the steps of:

5        preparing terminal information of a terminal to which said information is to be transferred,

         receiving information including a plurality of data items, transmitted from said server towards said client,

10        storing said information received at said step of receiving information including a plurality of data items,

extracting said plurality of data items from said information transmitted towards said client, and transmitting to said client said extracted data items and interface information that realizes at said client an interface to display said information in whole and to select respective data items corresponding to said extracted data items, based on said extracted data items,

receiving from said client transfer request data requesting transfer of a data item selected from said extracted plurality of data items to said terminal, and

converting said data item into a data format corresponding to a terminal of a predetermined transfer destination stored in said terminal information storage circuit for transfer to said terminal, based on said transfer request data received at said step of receiving transfer request data.

16. The information transfer method according to claim 15, wherein said step of transmitting said extracted data item and interface information comprises the step of extracting said plurality of data items from said information transmitted towards said client, and transmitting to said client said extracted data items and interface information that realizes at said client an interface appearing in response to specifying a display region of a data item corresponding to said extracted data item to select respective data items corresponding to said extracted data items, based on said extracted data items.

17. The information transfer method according to claim 15, wherein said step of transferring a data item comprises the step of converting said data item into a data format corresponding to a terminal of a predetermined transfer destination prepared at said step of preparing said terminal information, and adding information other than the data item received from said server to said converted data item for transfer to said terminal, based on said transfer request data received at said step of receiving transfer request data.

18. The information transfer method according to claim 15, wherein said step of preparing terminal information comprises the step of receiving said terminal information from said client and preparing terminal information according to said received terminal information.

19. The information transfer method according to claim 16, wherein said server is a World Wide Web server, and said information relates to a web page,

5 said interface including a select button to select a data item in said display region from said plurality of data items, said select button appearing at least inside said display region or in a neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

20. The information transfer method according to claim 19, wherein said interface includes a transfer destination select button to select a transfer destination of a selected data item, and a data select button to select a data item of said display region from said plurality of data items, 5 said data select button appearing at least inside said display region or in a neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

21. The information transfer method according to claim 19, wherein said interface includes a data select button to select a data item of said display region from said plurality of data items, and a transfer destination select button to select a transfer destination of said selected data 5 item, said data select button and said transfer destination select button appearing at least in said display region or in a neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

22. A machine-readable recording medium recorded with a program realizing an information transfer method transferring to a

predetermined terminal information transmitted from a server connected to a network to a client, said information transfer method comprising the steps of:

5 preparing terminal information of a terminal to which said information is to be transferred,  
receiving information including a plurality of data items, transmitted from said server towards said client,  
10 storing said information received at said step of receiving information including a plurality of data items,  
extracting said plurality of data items from said information transmitted towards said client, and transmitting to said client said extracted data items and interface information that realizes at said client an  
15 interface to display said information in whole and to select respective data items corresponding to said selected data items, based on said extracted data items,  
receiving from said client transfer request data requesting transfer of a data item selected from said extracted plurality of data items to said  
20 terminal, and  
converting said data item into a data format corresponding to a terminal of a predetermined transfer destination stored in said terminal information storage circuit for transfer to said terminal, based on said transfer request data received at said step of receiving transfer request data.

23. The recording medium according to claim 22, wherein said step of transmitting said extracted data item and interface information comprises the step of extracting said plurality of data items from said information transmitted towards said client, and transmitting to said client  
5 said extracted data items and interface information that realizes at said client an interface appearing in response to specifying a display region of a data item corresponding to an extracted data item to select respective data items corresponding to said extracted data items, based on said extracted data items.



24. The recording medium according to claim 22, wherein said step of transferring said data item comprises the step of converting said data item into a data format corresponding to a terminal of a predetermined transfer destination prepared at said step of preparing terminal information, and adding information other than the data item received from said server to said converted data item for transfer to said terminal, based on said transfer request data received at said step of receiving transfer request data.

25. The recording medium according to claim 22, wherein said step of preparing terminal information comprises the step of receiving said terminal information from said client and preparing terminal information according to said received terminal information.

26. The recording medium according to claim 23, wherein said server is a World Wide Web server, and said information relates to a web page,

said interface including a select button to select a data item in said display region from said plurality of data items, said select button appearing at least inside said display region or in a neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

27. The recording medium according to claim 26, wherein said interface includes a transfer destination select button to select a transfer destination of a selected data item, and a data select button to select a data item of said display region from said plurality of data items, said data select button appearing at least inside said display region or in a neighborhood of said display region in response to specifying respective display regions of said extracted plurality of data items from said web page.

28. The recording medium according to claim 26, wherein said interface includes a data select button to select a data item of said display region from said plurality of data items, and a transfer destination select

